



# Replacement Sheet

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47	-0.42	=====	E
48	-0.87	=====	R
49	-1.43	=====	I
50	-1.10	=====	I
51	-0.80	=====	t
52	-0.18	==	V
53	-0.23	==	S
54	-0.37	=====	T
55	-0.25	=====	N
56	-0.28	=====	G
57	0.22		S ==
58	-0.25	=====	I
59	0.05		H
60	0.05		S
61	-0.07	=	P
62	-0.05		R
63	-0.55	=====	F
64	0.37		P =====
65	0.40		H =====
66	0.42		T =====
67	0.23		Y ==
68	-0.08	=	P
69	-0.33	=====	R
70	-1.40	=====	N
71	-0.93	=====	T
72	-1.17	=====	V
73	-1.17	=====	L
74	-0.95	=====	V
75	-0.95	=====	W
76	0.12		R =
77	0.12		L =
78	0.45		V =====
79	0.45		A =====
80	-0.03		V
81	-0.08	=	E
82	-0.55	=====	E
83	-1.35	=====	N
84	-1.45	=====	V
85	-1.62	=====	W
86	-0.55	=====	I
87	0.25		Q ==
88	0.72		L =====
89	0.60		T =====
90	0.67		F =====
91	0.78		D =====
92	0.78		E =====
93	0.78		R =====
94	0.28		F ==
95	1.20		G =====
96	1.70		L =====

Fig. 1B

# Replacement Sheet

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97	2.50		E	=====
98	1.70		D	=====
99	1.03		P	=====
100	1.53		E	=====
101	0.65		D	=====
102	0.65		D	=====
103	-0.27	====	I	
104	-0.22	==	C	
105	0.45		K	=====
106	-0.30	====	Y	
107	0.58		D	=====
108	0.58		F	=====
109	1.00		V	=====
110	1.30		E	=====
111	1.30		V	=====
112	1.55		E	=====
113	0.98		E	=====
114	0.18		P	==
115	-0.12	=	S	
116	-0.17	==	D	
117	-0.17	==	G	
118	-0.73	=====	T	
119	-0.83	=====	I	
120	-0.53	=====	L	
121	-0.80	=====	G	
122	-0.80	=====	R	
123	-1.37	=====	W	
124	-1.05	=====	C	
125	-0.88	=====	G	
126	-0.88	=====	S	
127	0.18		G	==
128	0.22		T	==
129	-0.02		V	
130	0.28		P	=====
131	0.78		G	=====
132	0.78		K	=====
133	0.32		Q	=====
134	0.32		I	=====
135	0.32		S	=====
136	0.77		K	=====
137	-0.03		G	
138	0.47		N	=====
139	0.02		Q	
140	-0.27	====	I	
141	0.08		R	=
142	0.08		I	=
143	0.88		R	=====
144	0.00		F	
145	0.00		V	
146	0.25		S	=====

Fig. 1C

# Replacement Sheet

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147	0.25		D	===
148	0.25		E	===
149	-0.25		===	Y
150	0.13		F	=
151	0.13		P	=
152	-0.03		S	
153	-0.38		=====	E
154	-0.97	=====	P	
155	-1.35	=====	G	
156	-1.32	=====	F	
157	-1.20	=====	C	
158	-1.28	=====	I	
159	-1.20	=====	H	
160	-1.12	=====	Y	
161	-0.70	=====	N	
162	-1.15	=====	I	
163	-0.92	=====	V	
164	-0.17		==	M
165	-0.03		P	
166	-0.28		===	Q
167	-0.27		===	F
168	0.15		T	=
169	0.27		E	===
170	-0.48		=====	A
171	-0.70	=====	V	
172	-0.45		=====	S
173	-0.50		=====	P
174	-0.45		=====	S
175	-0.58		=====	V
176	-0.63		=====	L
177	-0.33		===	P
178	-0.63		=====	P
179	-0.13		=	S
180	-0.48		=====	A
181	-0.70	=====	L	
182	-0.37		=====	P
183	-0.33		===	L
184	-0.12		=	D
185	-0.92		=====	L
186	-1.18	=====	L	
187	-0.97	=====	N	
188	-1.42	=====	N	
189	-2.02	=====	A	
190	-2.00	=====	I	
191	-2.00	=====	t	
192	-0.93	=====	A	
193	-0.35		=====	F
194	-0.23		==	s
195	0.03		T	
196	0.60		L	=====

Fig. 1D

# Replacement Sheet

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197	0.52	E	=====
198	-0.28	=== D	
199	-0.28	=== L	
200	0.02	I	
201	0.82	R	=====
202	0.82	Y	=====
203	1.03	L	=====
204	1.37	E	=====
205	0.57	P	=====
206	1.07	E	=====
207	0.27	R	===
208	0.27	w	===
209	0.93	Q	=====
210	0.60	L	=====
211	0.52	D	=====
212	0.52	L	=====
213	0.82	E	=====
214	0.25	D	===
215	-0.42	===== L	
216	-0.08	= Y	
217	0.00	R	
218	-0.80	===== P	
219	-0.80	===== T	
220	-0.23	== w	
221	-0.15	= Q	
222	-0.60	===== L	
223	-0.55	===== L	
224	-0.67	===== G	
225	-0.67	===== K	
226	-0.67	===== A	
227	-0.08	= F	
228	0.38	V	=====
229	1.13	F	=====
230	1.30	G	=====
231	1.05	R	=====
232	1.05	K	=====
233	0.25	S	===
234	0.23	R	==
235	-0.57	===== V	
236	-0.62	===== V	
237	-0.43	===== D	
238	-0.43	===== L	
239	0.37	N	=====
240	0.08	L	=
241	0.88	L	=====
242	0.88	T	=====
243	0.57	E	=====
244	0.12	E	=
245	-0.55	===== V	
246	-0.37	===== R	

Fig. 1E

# Replacement Sheet

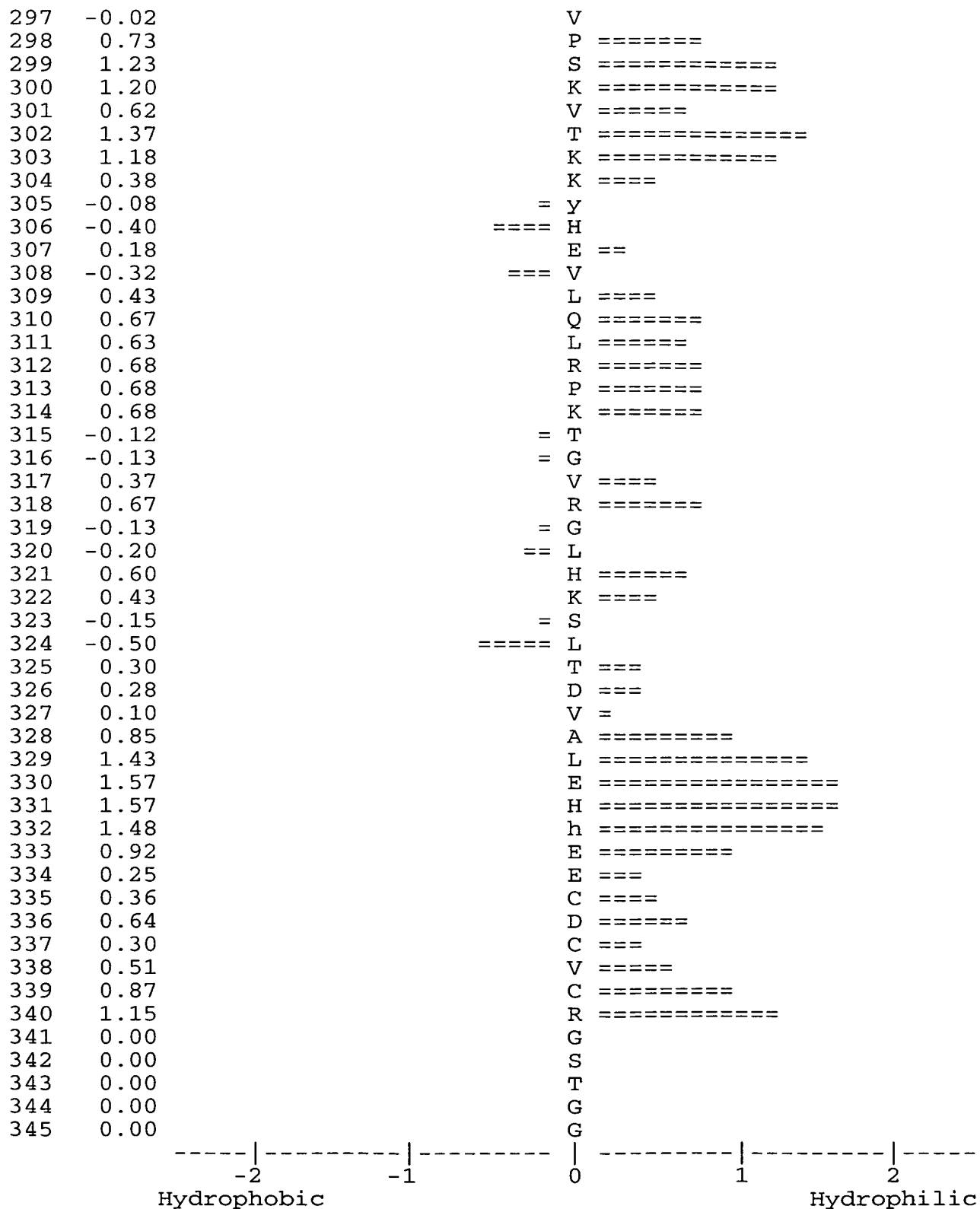
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247	-0.87	=====	L
248	-0.07	=	Y
249	0.35		S =====
250	-0.12	=	C
251	0.10		T =
252	-0.08	=	P
253	-0.03		R
254	-0.83	=====	N
255	-0.37	=====	F
256	0.55		S =====
257	1.00		V =====
258	0.95		S =====
259	1.40		I =====
260	2.20		R =====
261	1.63		E =====
262	1.63		E =====
263	1.07		L =====
264	1.07		K =====
265	0.15		R =
266	-0.92	=====	T
267	-0.85	=====	D
268	-1.35	=====	T
269	-1.45	=====	I
270	-1.45	=====	F
271	-1.33	=====	W
272	-1.02	=====	P
273	-0.52	=====	G
274	-0.02		C
275	-0.02		L
276	0.28		L ===
277	0.58		V =====
278	0.87		K =====
279	0.20		R ==
280	-0.38	=====	C
281	-0.38	=====	G
282	-0.55	=====	G
283	-0.85	=====	N
284	-0.97	=====	C
285	-0.77	=====	A
286	-0.85	=====	C
287	-0.65	=====	C
288	0.02		L
289	0.15		H ==
290	0.27		N ===
291	0.07		C =
292	-0.02		N
293	-0.05		E
294	-0.50	=====	C
295	0.17		Q ==
296	-0.12	=	C

Fig. 1F

## Replacement Sheet

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**Fig. 1G**